

[SYSTEM AND METHOD FOR LIQUID CRYSTAL DISPLAY MODULE DESIGN]

Abstract

A method and system for designing a liquid crystal display device is provided. The method and system include the following steps. They are: based upon at least one viewing angle among a plurality of liquid crystal display films, determine a range of a gap between liquid crystal cells of a liquid crystal display device; based upon the panel transmittance and gamut of a plurality of liquid crystal modules, determine at least one value of the gap between liquid crystal cells of the liquid crystal display device; based upon optic characteristics of a plurality of color filter films and color modules, determine a set of optic characteristics for a color filter as well as for the liquid crystal display device; and adjusting values related to the set of optic characteristics of the liquid crystal display device and the color filter. Thereby a set of adjusted values for present as well as future design purposes is produced.